

FIG. 1

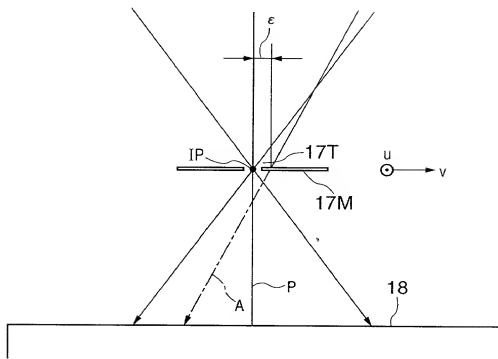
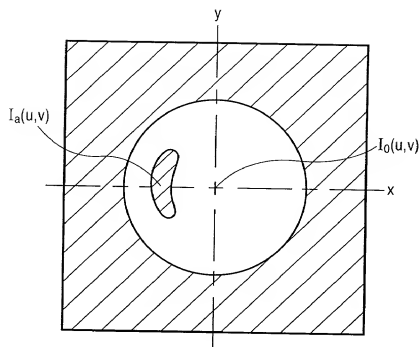


FIG. 2



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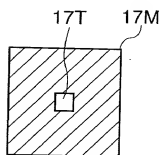
**FIG. 3**

FIG. 4A

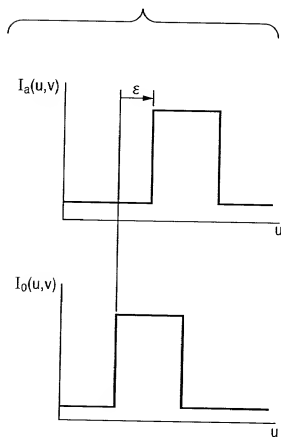


FIG. 4B

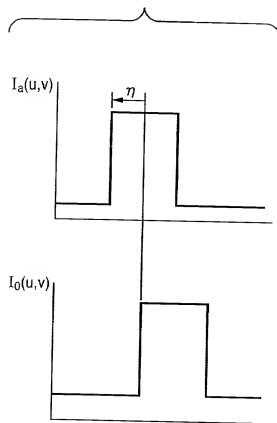


FIG. 5

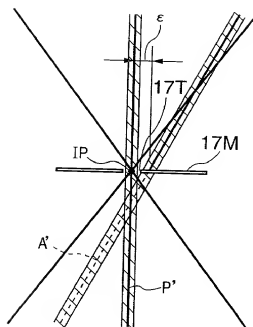


FIG. 6A

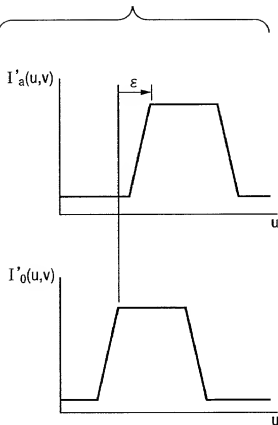


FIG. 6B

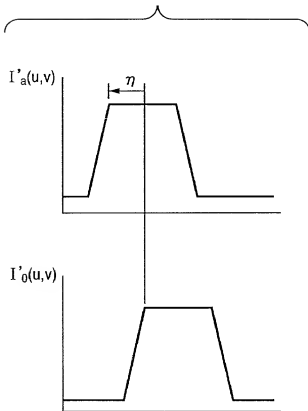
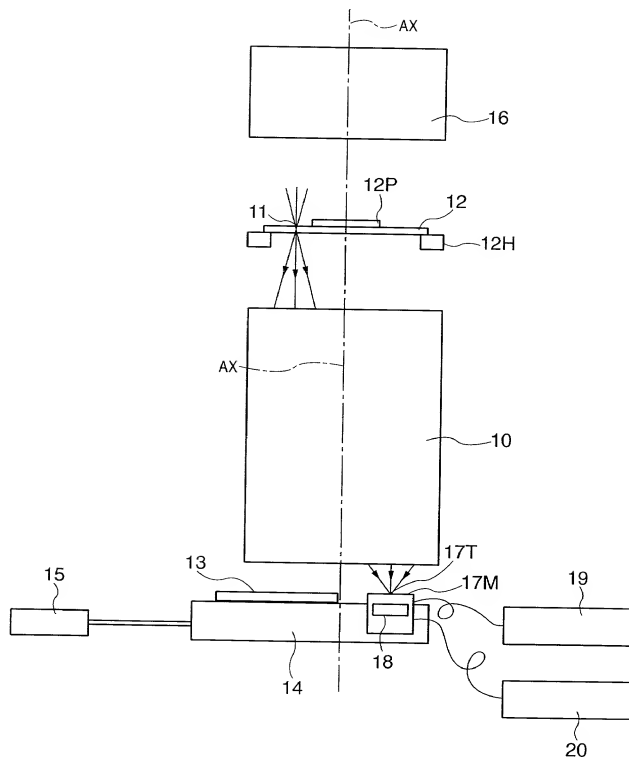


FIG. 7



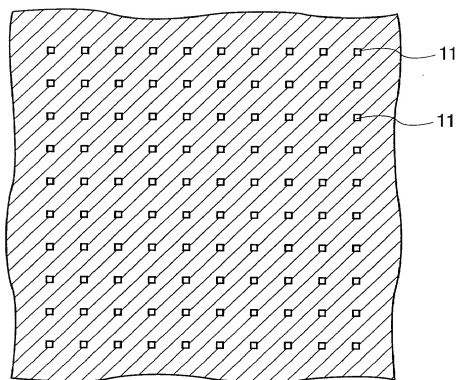
**FIG. 8**



FIG. 9

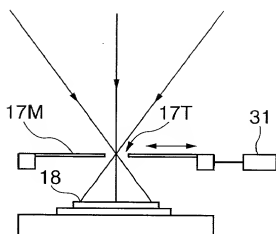


FIG. 10

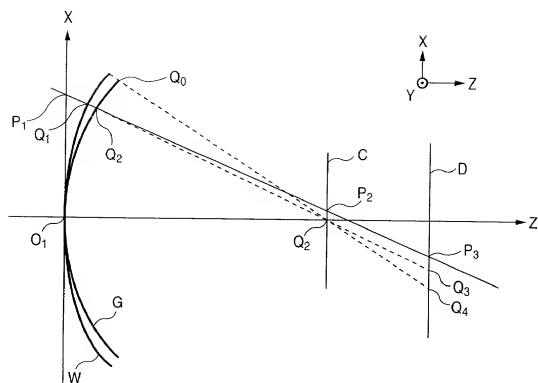


FIG. 11

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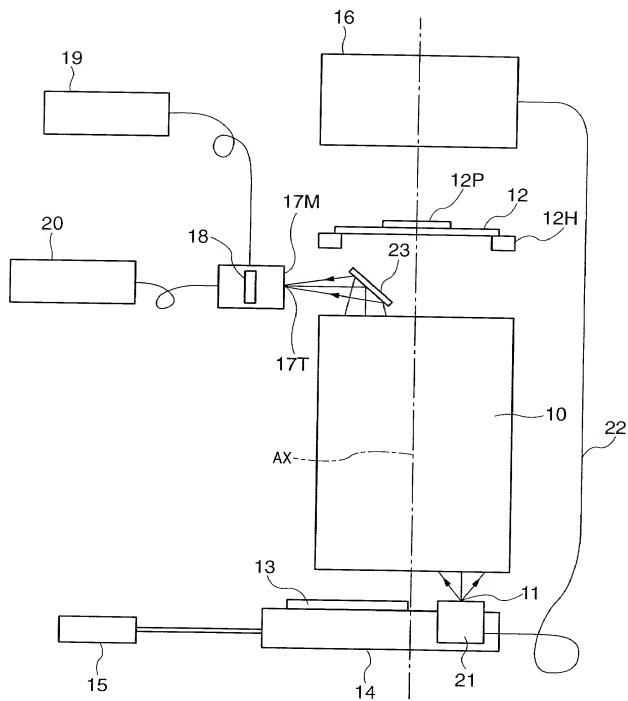


FIG. 12

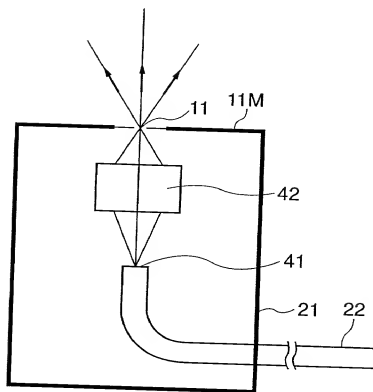


FIG. 13

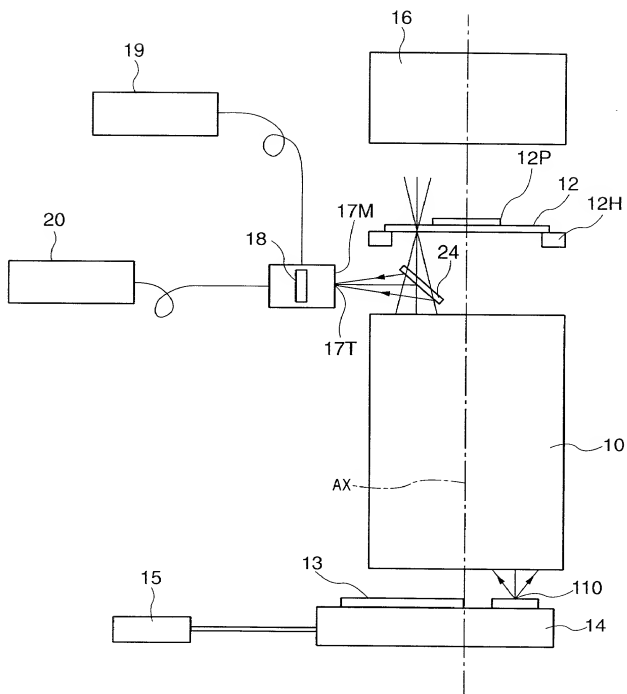


FIG. 14

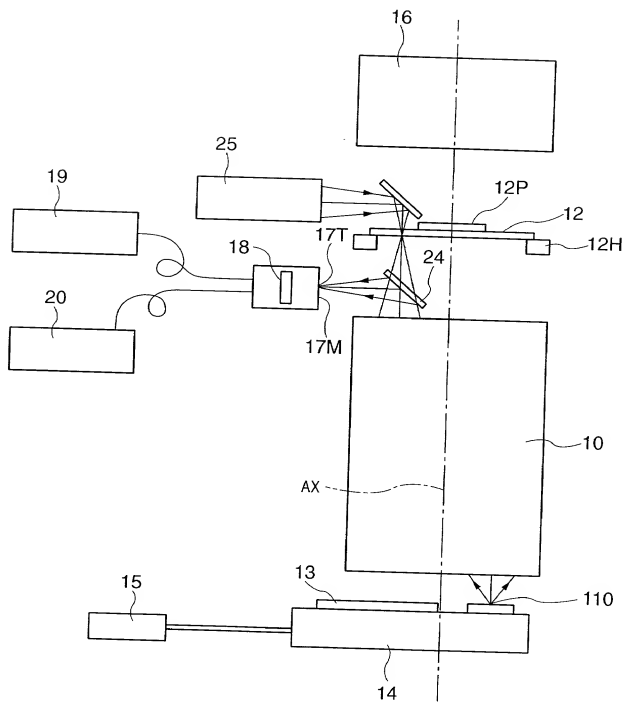


FIG. 15

$$\varepsilon = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial x} = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} \dots\dots\dots (3)$$

$$\eta = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial y} = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} \dots\dots\dots (4)$$

$$\alpha = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial x} = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} = \frac{L \left(1 + \frac{\Delta L}{L}\right)}{R \left(1 + \frac{\Delta R}{R}\right)} \cdot \varepsilon \dots\dots\dots (5)$$

$$\beta = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial y} = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} = \frac{L \left(1 + \frac{\Delta L}{L}\right)}{R \left(1 + \frac{\Delta R}{R}\right)} \cdot \eta \dots\dots\dots (6)$$

# FIG. 16

$$X'' = X' + \alpha \dots\dots\dots (7)$$

$$Y'' = Y' + \beta \dots\dots\dots (8)$$

$$\frac{X}{H_0} = \frac{X'}{H'_0} = x \dots\dots\dots (9)$$

$$\frac{Y}{H_0} = \frac{Y'}{H'_0} = y \dots\dots\dots (10)$$

$$x = \frac{X''}{H''_0} - \frac{\alpha}{H''_0} \dots\dots\dots (11)$$

$$y = \frac{Y''}{H''_0} - \frac{\beta}{H''_0} \dots\dots\dots (12)$$

09845297-050101



# FIG. 17

$$\frac{\Delta R}{R} \ll 1 \dots\dots\dots (13)$$

$$\frac{\Delta L}{L} \ll 1 \dots\dots\dots (14)$$

$$\frac{\alpha}{H'_0} = \frac{1}{H'_0} \cdot \frac{L}{R} \cdot \varepsilon \ll 1 \dots\dots\dots (15)$$

$$\frac{\beta}{H'_0} = \frac{1}{H'_0} \cdot \frac{L}{R} \cdot \eta \ll 1 \dots\dots\dots (16)$$

$$\varepsilon(x,y) = \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} \dots\dots\dots (3')$$

$$\eta(x,y) = \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} \dots\dots\dots (4')$$

$$x = \frac{X''}{H'_0} \dots\dots\dots (11')$$

$$y = \frac{Y''}{H'_0} \dots\dots\dots (12')$$

09845297-050101

FIG. 18

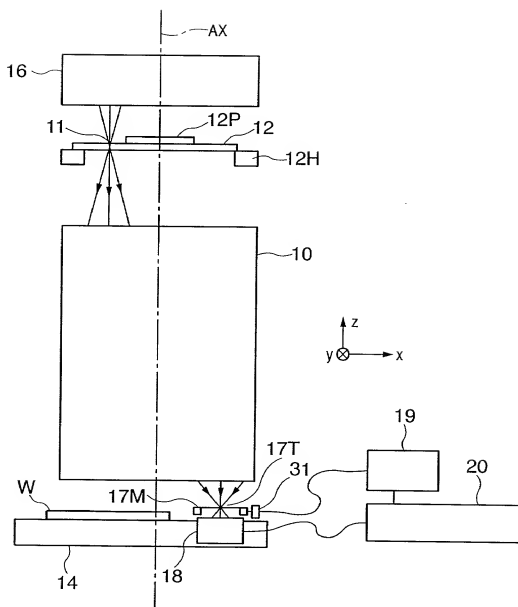


FIG. 19

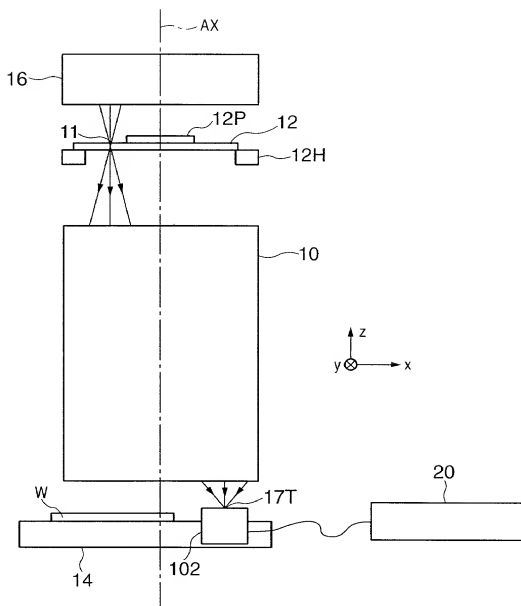
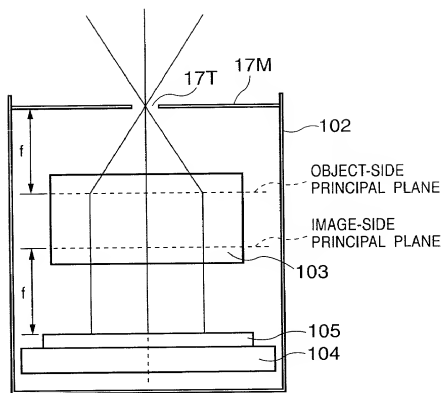


FIG. 20



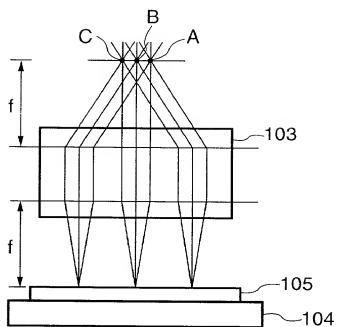
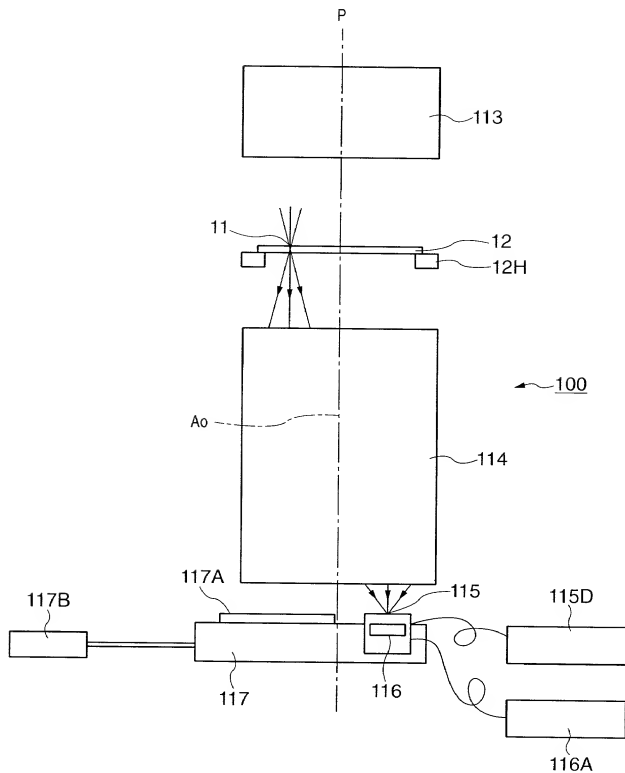
**FIG. 21**

FIG. 22



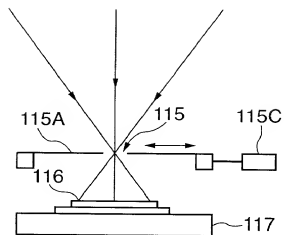
**FIG. 23**

FIG. 24

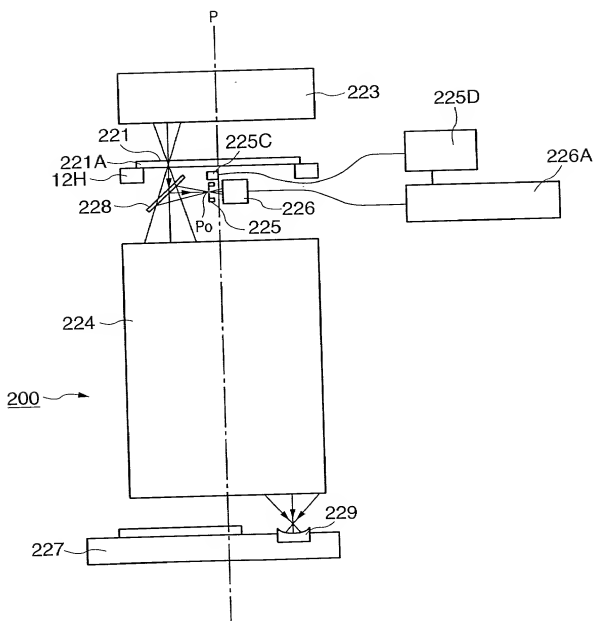
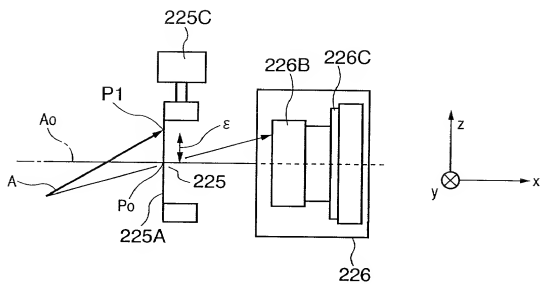




FIG. 25



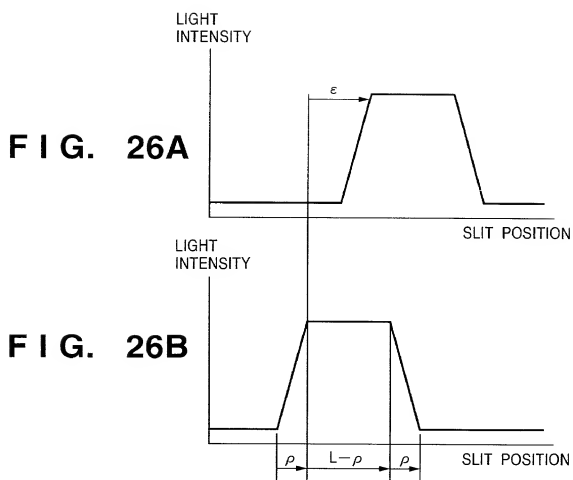


FIG. 27

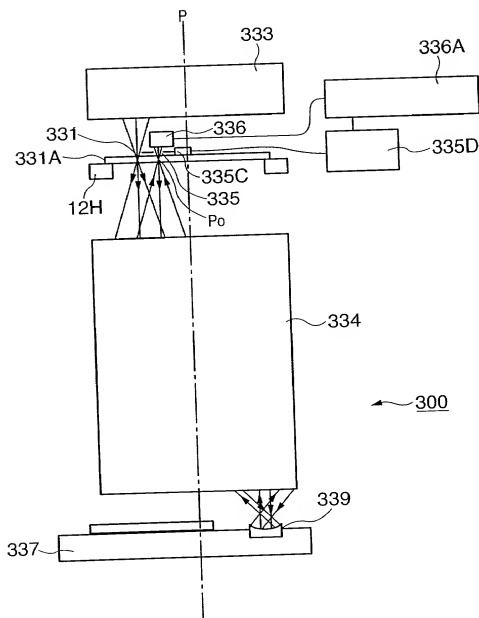


FIG. 28

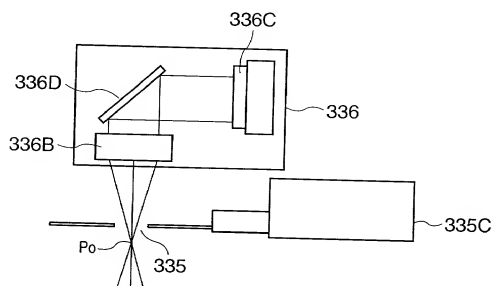
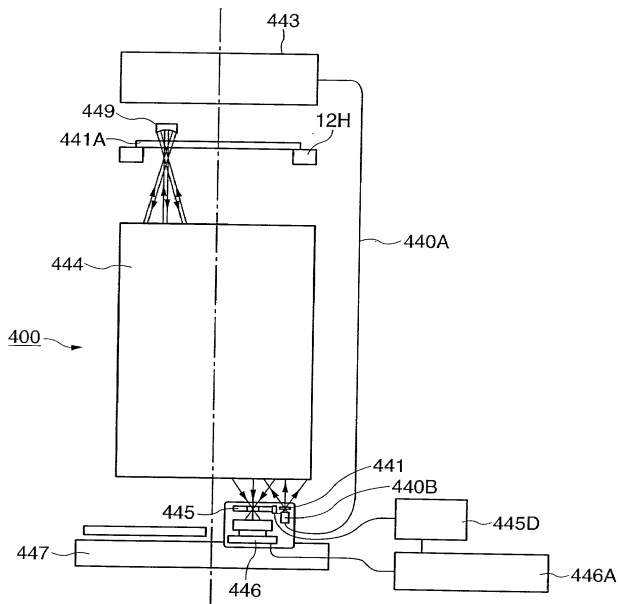


FIG. 29



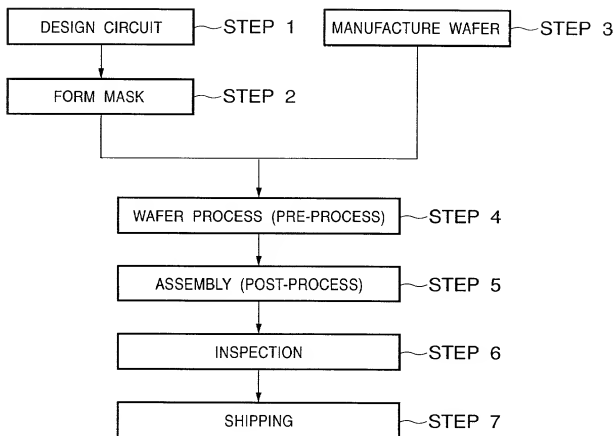
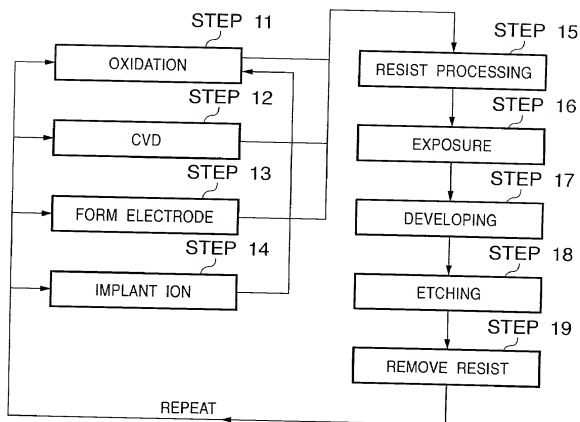
**FIG. 30**

FIG. 31



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